



**FULTON COUNTY PURCHASING DEPARTMENT**  
**Winner 2000- 2005 Achievement of Excellence in Procurement Award**  
**National Purchasing Institute**



**Jerome Noble, Director**

**Addendum 2**  
**RFP Number 06RFP001K-NLH**  
**Design Services for Riverside Road Pump Station Upgrades – S109**

February 8, 2006

Dear Vendor:

The following information is offered in response to vendor questions and requests for clarification or information.

Question 1: Will prospective proposers receive a copy of the original construction specifications as described on RFP Page 1-7?

Answer: Yes, the copy of the specifications is available as a PDF file attachment to this addendum.

Question 2: The County Objectives on RFP Page 1-5 describe that the odor control system will include carbon polishing, if necessary. The Improved / Replacement Design Parameters descriptions on RFP Page 1-9 infer that carbon polishing is required. Is carbon polishing mandatory or subject to a determination of need?

Answer: As part of the design contract, the A/E will recommend odor control options and systems to the County. It is required that the A/E evaluate multi-stage chemical scrubbing systems that include carbon polishing as well as other viable systems.

Question 3: Is the A/E limited to multi-stage chemical scrubbing odor control system, as described on RFP Pages 1-5 and 1-9, or may the A/E specify biotowers for odor control?

Answer: See response to question number 2.

Question 4: A thorough investigation of bacterial grease removal is described on RFP Page 1-9 the Pump Station Component of FOG Reduction. What constitutes a thorough investigation?

Answer: The A/E will evaluate all viable options and systems which may provide substantial reduction in FOG reaching the Riverside Road Pump Station. Based on this evaluation, the A/E will recommend and design the most cost-effective FOG reduction system.

Question 5: As part of the A/E's Odor Control System efforts, he/she is required to inspect and recommend odor control measures in the sewer transmission lines within a one mile radius

of the pump station. Is this work for all tributary sewers upstream of the Pump Station for one mile, or is it for all sewers within a one-mile radius of the Pump Station?

Answer: The A/E's work will include all tributary sewers upstream of the Pump Station within one mile of the pump station. See attached schematic (downloadable PDF file).

Question 6: Is testing for only H<sub>2</sub>S sufficient to meet the testing requirements for the Odor Control System, or do we need to sample for additional odor constituents?

Answer: Testing for H<sub>2</sub>S only is not sufficient. The testing will include H<sub>2</sub>S, amine, mercaptan and any other odor that may be present in the wetwell.

Question 7: Does Fulton County have a preference for odor testing methods?

Answer: No.

Question 8: Several Tasks involve review of drafts by the County according to Section 1.6 of the RFP. Please specify the duration for each of the following County reviews:

- a. Task 2 Data Collection Task Plan
- b. Task 3 Investigation and Evaluation Task Plan
- c. Task 3 Evaluation of Alternatives/Task Report
- d. Task 4 Draft Task Report
- e. Task 4 Draft DDR

Answer: As provided in the Schedule on page 1-17, allow ten (10) business days for Fulton County's review of each submittal. A/E's work shall continue during this review period.

Question 9: Page 1-12, Section 1.6, Task 1: Does the 30 days specified for the submittal of the PMP include the ten (10) business days for County review of the PMP and the ten (10) days for response and revisions?

Answer: See response to question number 8.

Question 10: Page 1-17, Section 1.6, SCHEDULE: Please confirm the "Days After NTP" refers to calendar days.

Answer: Yes, "Days after NTP" refers to calendar days.

Question 11: Page 1-17, Section 1.6, SCHEDULE: There are 20 days allowed between 90% and 100% submittals within which time the A/E has to incorporate all the 90% comments, perform another cost estimate, life cycle cost analysis resubmit, wait 14 calendar or 10 business days for County comments (during which no work can be done since the submittal is supposed to be 100%), incorporate all the 100% comments and prepare stamped documents. Essentially, the A/E has 6 calendar or 4 business days to do all the above. Is this the intent of the County?

Answer: The review period for 100% submittal and stamping drawings will be outside the 20 days allowed. However, Proposers are to provide schedules which they feel necessary to provide services satisfactory to the County in accordance with the requirements of the RFP.

Question 12: What is the current capital improvements program (CIP) budget for this project? How much of that is expected to be hard construction budget?

Answer: The CIP budget for the project is \$10.5 million; however the CIP budget is a preliminary engineer's estimate and should not be considered indicative of any firm construction budget.

Question 13: Are site visits and progress meetings to be included in the construction administration services?

Answer: The A/E is to provide only construction engineering support services but not construction administration services. The County's construction management services will provide necessary construction administration services. Yes, A/E shall include engineer's site visits and progress meetings as part of the engineering support services in accordance with Task 10, page 1-15 of the RFP.

Question 14: Have the elevators been evaluated by the manufacturer or an elevator service company to determine the problems with the existing equipment and if so is a report available on those findings? If not, why is it believed they are inoperable and how long have they been out of service?

Answer: The elevators have been out of service since before January 2001. OMI has tried repairing the elevators under its maintenance contract but could not get the elevators working. Elevators need to be checked, repaired and certified.

Question 15: Have the existing pumps been evaluated by the manufacturer or qualified service technicians to evaluate the condition of the pump(s) and if so, is a report available on those findings? We noticed at least one pump that is out of service and is partially disassembled – is this unit currently under repair or is it going to be repaired outside of the proposed work?

Answer: As part of County's contract with OMI, all equipment including pumps are regularly serviced and maintained by OMI. The out of service pump had a leaking mechanical seal and is being rebuilt.

Question 16: What accessories desired by the County for cleaning of the wet wells after a peak flow event? Is additional wet well access deemed necessary for these cleaning activities?

Answer: County desires to provide high pressure water hoses for cleaning of the wetwell after an overflow event. Additional access to the wetwell is not considered necessary at this time.

Question 17: Does the County have a preferred system or vendor for bacterial agent for feeding to minimize FOG? Has the County had any successful installations when this type of system has been used?

Answer: No, the County does not have a preferred system or vendor for the bacterial feed system. Bacterial feed systems are in use at three (3) North Fulton pump stations and three (3) South Fulton pump stations and results are very satisfactory. The County will concur with OMI's and American Water's decisions.

Question 18: Please provide current sewer maps showing line sizes, manholes and other collection system features within a one (1) mile radius of the pump station.

Answer: See attached downloadable file for required details.

Question 19: Please provide any odor control evaluations, hydrogen sulfide readings related to the current odor control system, wet wells and other areas where odor have been reported.

Answer: The A/E will provide all necessary sampling and analytical testing required in Task 2 (Data Collection) to determine the odor characteristics.

Question 20: What is the required minimum duration of operation (in hours) for the standby power generators at the pump station?

Answer: The Equipment shall be operated approximately 250 hours annually at an average load factor of 75%.

Question 21: Is it the County's intention to replace the existing PLCs?

Answer: The A/E is to evaluate the existing PLCs, provide recommendations and perform the design to upgrade or replace as determined.

Question 22: What is the County's preference on the new SCADA system interface – to control or simply monitor pump station operations from the Big Creek plant?

Answer: The County's preference is to have the capability of monitoring and controlling the essential functions of Riverside Road Pump Station through the Big Creek WRF SCADA system.

Question 23: Will the connection to the existing County-wide SCADA simply be an addition or will the County's SCADA system be modified under this project.

Answer: The Riverside Road Pump Station telemetry will interface with the Big Creek SCADA system. The A/E will design instrumentation and controls for the Riverside Road Pump Station Upgrades that will interface with the Big Creek SCADA system so that the remote operators will have the capability of monitoring and controlling the essential Riverside Road Pump Station functions.

Question 24: Will the County pre-select a specific integrator to perform the Instrumentation Integration portion of work

Answer: This work will be executed through Riverside Road Pump Station Upgrades contract.

Question 25: Does the County want to remove any remaining FOG from the wet well not eliminated by upstream bacterial or enzymatic activity and if so, what is the preference about disposal?

Answer: OMI under contract with County performs maintenance of the pump station. The grease removal is handled through OMI contract.

Question 26: Specifically what type of corrosion system monitoring is desired by the County - what is the desired result under County Objective (RFP page 1-5) and what areas of the pumping station are desired to be protected?

Answer: The County does not have a specific corrosion system monitoring selected. The A/E will recommend and design the system. Main areas to be protected from corrosion are wetwell, electrical instrumentations, electrical conduits and piping.

Question 27: (A) In item 1.3 County Objectives (RFP page 1-6), does the County want electronic O&M manuals to cover equipment being added to this project individually or does the County want an O&M manual developed for operation of the entire pump station? (B) Should these be furnished on DVD/CD only or will documentation need to go on-line? Do manual(s) need to be interactive? (C) Does an electronic manual exist now for the pump station that will be a starting point for this activity?

Answer: (A) Yes, the electronic O&M manuals to be developed for the entire upgraded pump station. (B) Provide O & M Manuals on DVD and hard copies (C) No, existing manuals are hard copies developed at the time of original construction.

Question 28: In Task 3 (RFP page 1-13), what specific alternatives would the County like evaluated?

Answer: Alternatives to be developed will be based on the recommendations of the A/E in accordance with the criteria provided in the last paragraph of Task 3.

Question 29: In Section 4 (RFP page 3-3) of the proposal submission, are the resumes (not to exceed 2 pages each) to be submitted included in the 12-page limit or are the resumes to be placed in an appendix?

Answer: The Section 4 is to contain resumes for project manager and all discipline lead engineers. Any resume above 12-page may be placed in an appendix, however effort should be made to contain all important resumes in Section 4 as provided in the RFP.

Question 30: On page 1-15, **Task 10: Service During Construction** states that "The A/E Firm shall provide the following construction engineering services, which are separate from resident observation service and other construction phase field services, if any are to be provided." It is not clear whether or not the Fulton County is requiring prospectors (the A/E firms) to provide resident observation services. At the same time, Task 10 requires A/E firms to prepare record (as-built) drawings which imply that resident observation is required during construction. Please clarify the requirements of resident observation services and provide additional information on "other construction phase field services"

Answer: The A/E firm will only provide construction engineering services as explained in Task 10, page 1-15. Resident observation services are provided through construction management services provided by the County and not included in the A/E contract. Based on contractor's generated RFIs, submittals and authorized field changes, the A/E will coordinate with construction program manager and provide record drawings as explained in Task 10, page 1-15.

Should you require any additional information, please contact Nancy Harrison, Assistant Purchasing Agent, at 404 730 4201. Except as provided herein, all terms and conditions in the proposal referenced above remain unchanged and in full force and effect.

Sincerely,

A handwritten signature in black ink, appearing to read "Nancy Harrison", written over the printed name.

Nancy Harrison  
Assistant Purchasing Agent

Attachments: S097B-Contract Documents Parts 1-3  
Riverside Road PS Tributary Schematic

**Acknowledgment of Addendum 2 for RFP Number 06RFP001K-NLH  
Riverside Road Pump Station Upgrades – S109**

Company Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Failure to include a signed copy of this addendum acknowledgement with your proposal documents could render your proposal non-responsive.